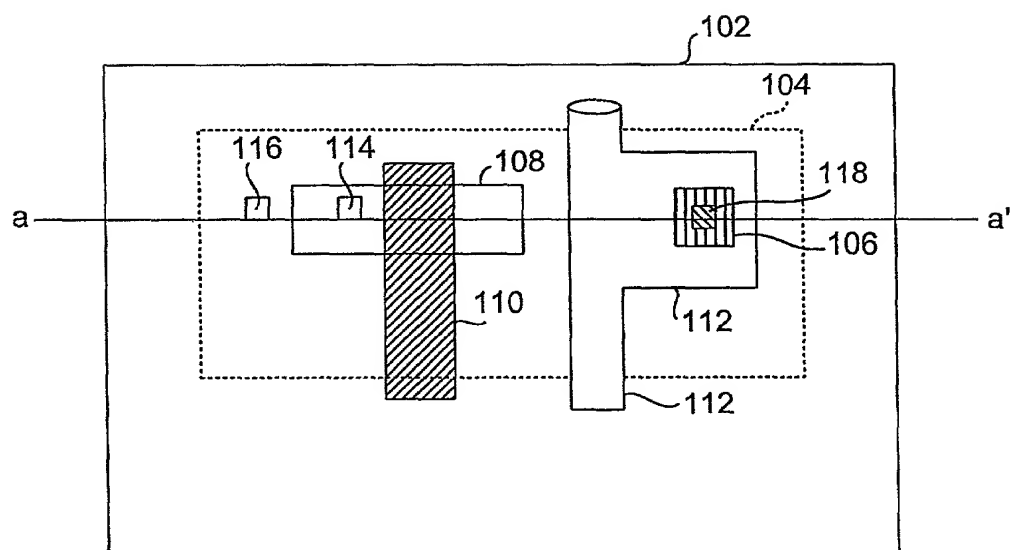


[illegible]**FIG. 1**

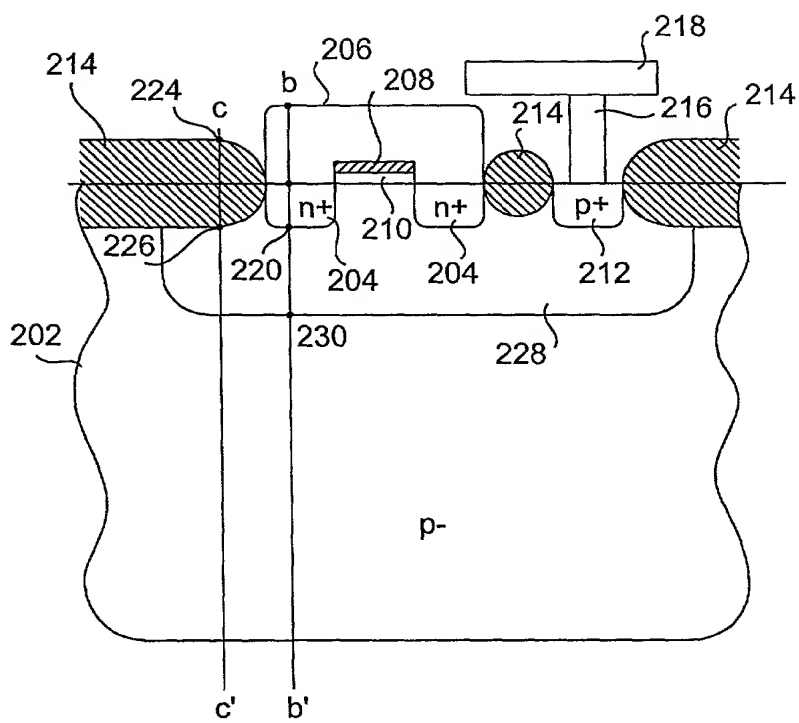


FIG. 2A

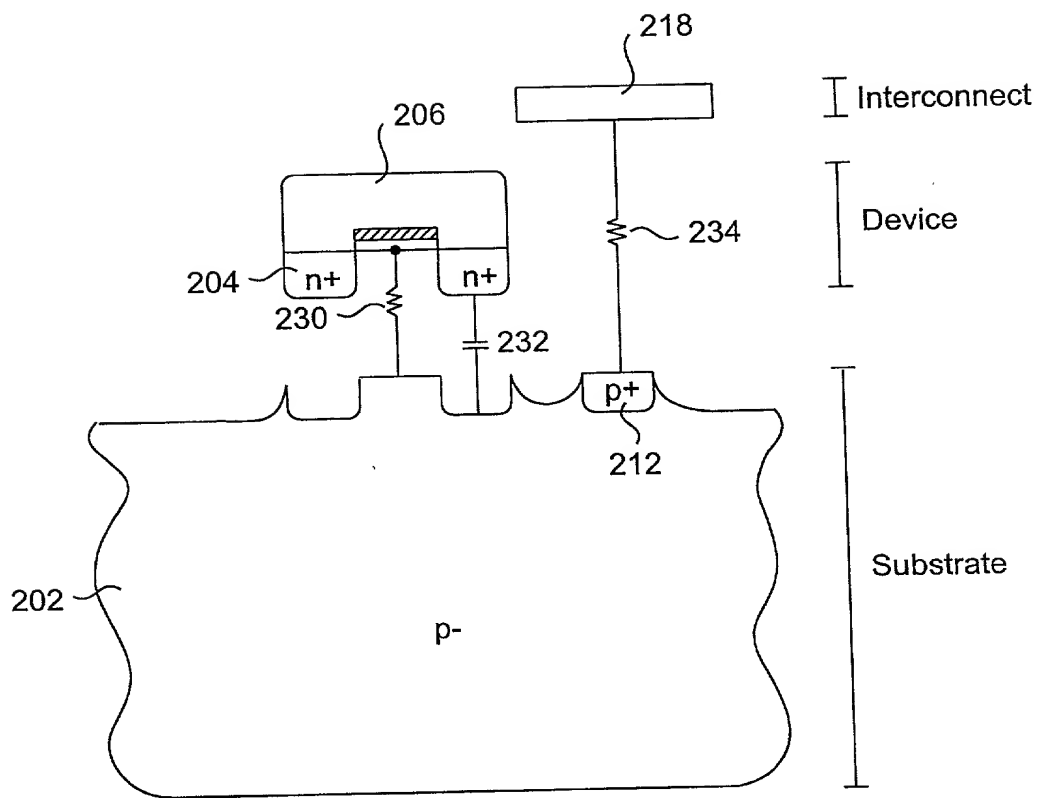


FIG. 2B

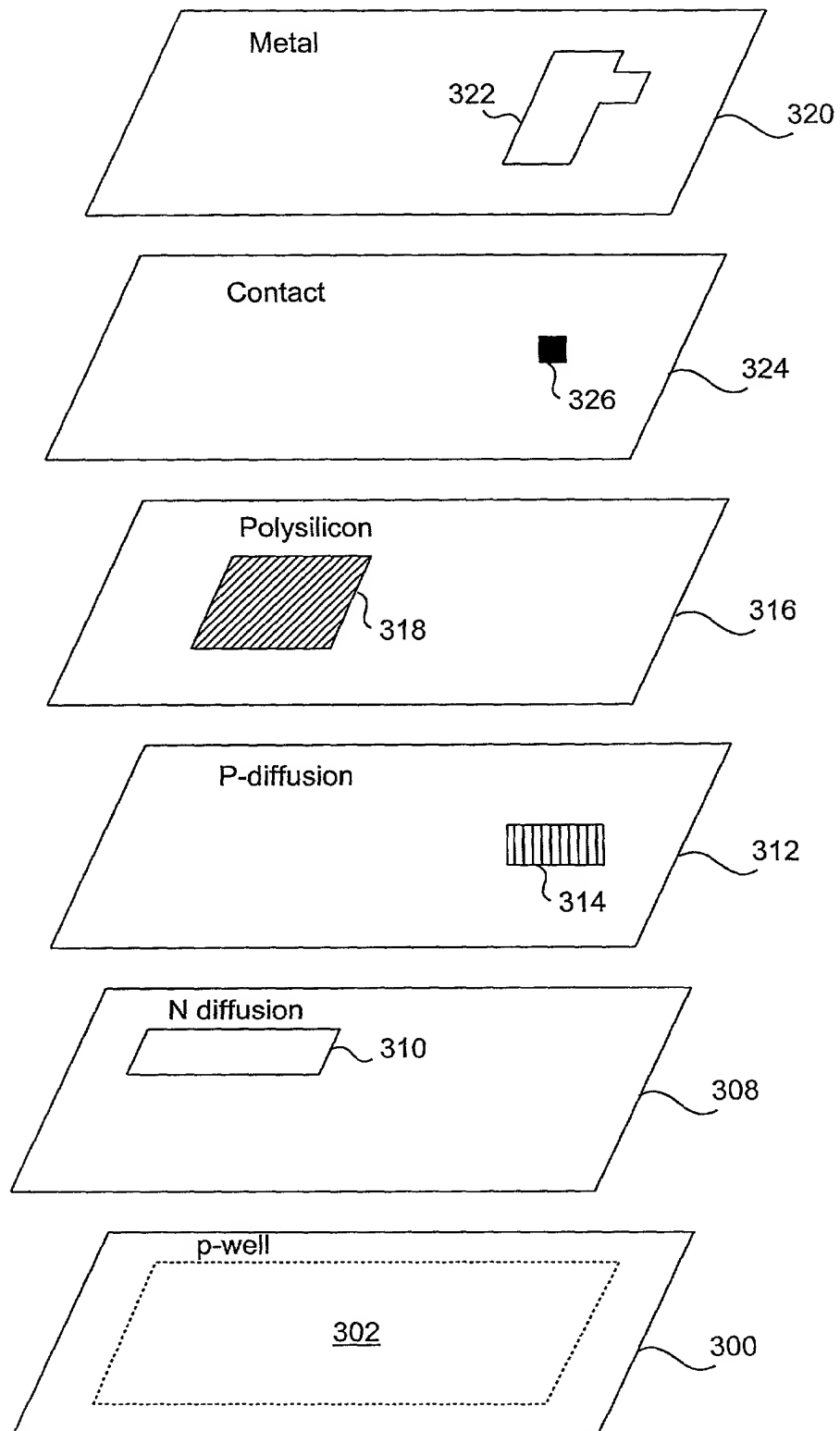


FIG. 3

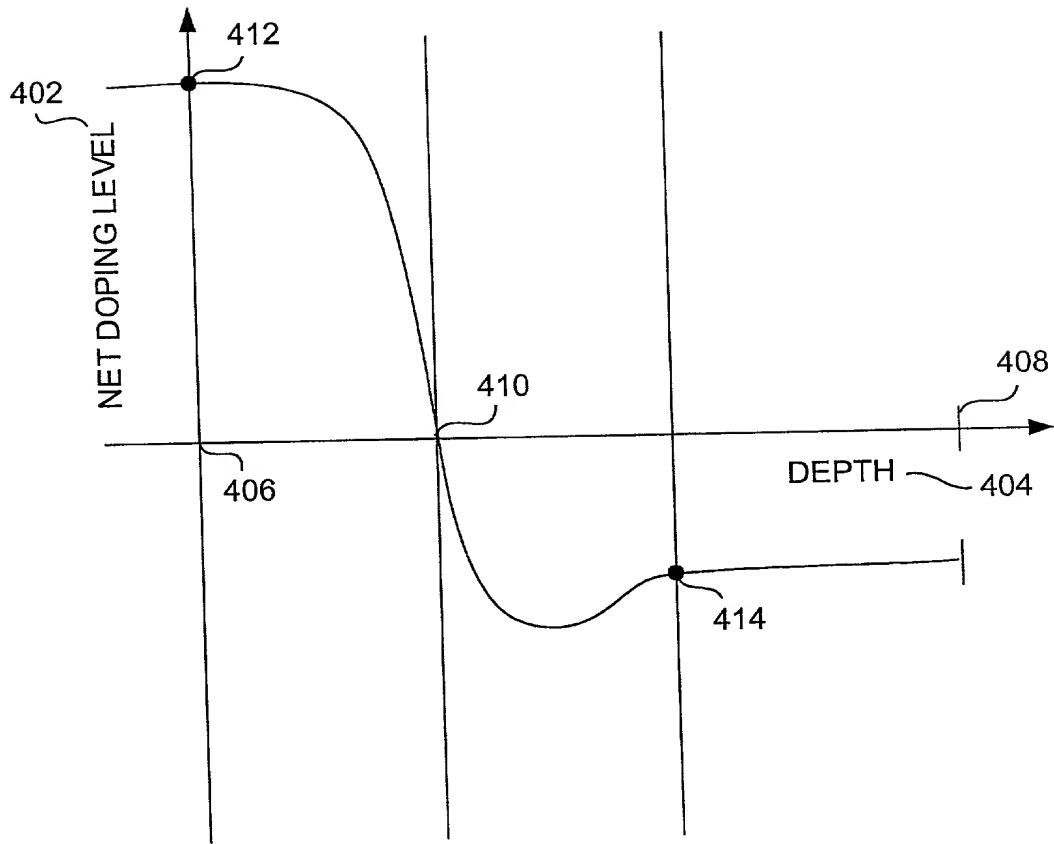


FIG. 4

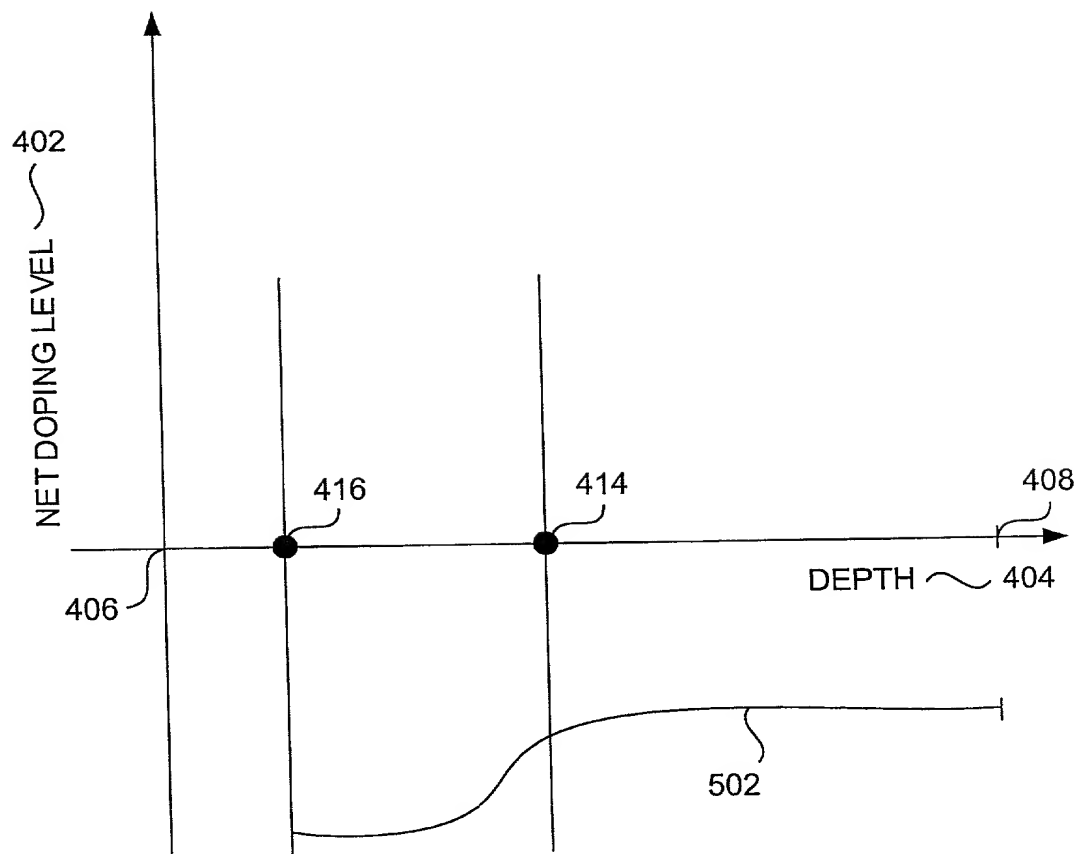


FIG. 5

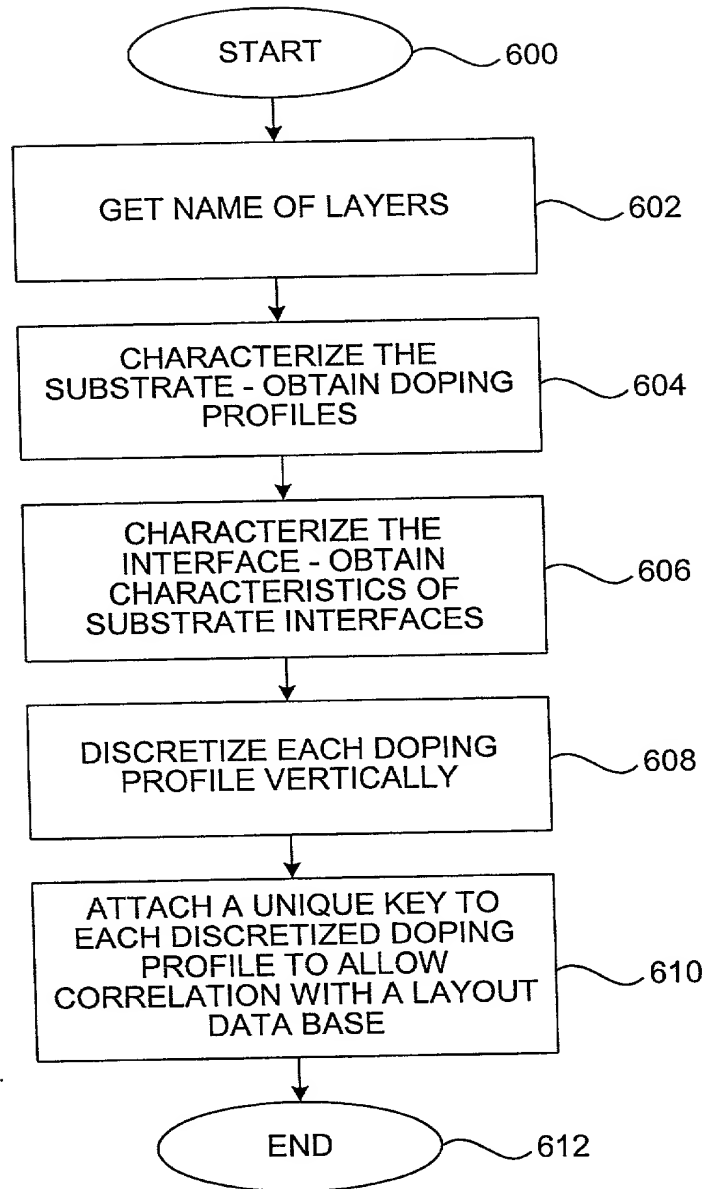
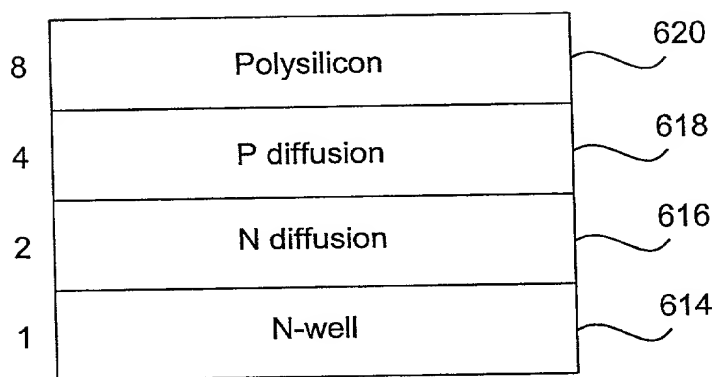
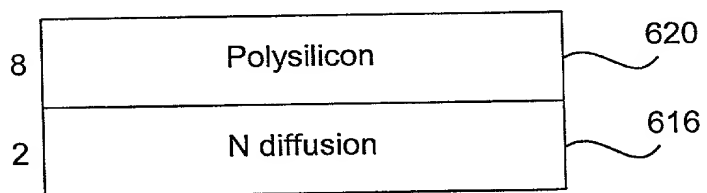


FIG. 6A

Patent 6,609,660



= 1111



= 1010

FIG. 6B

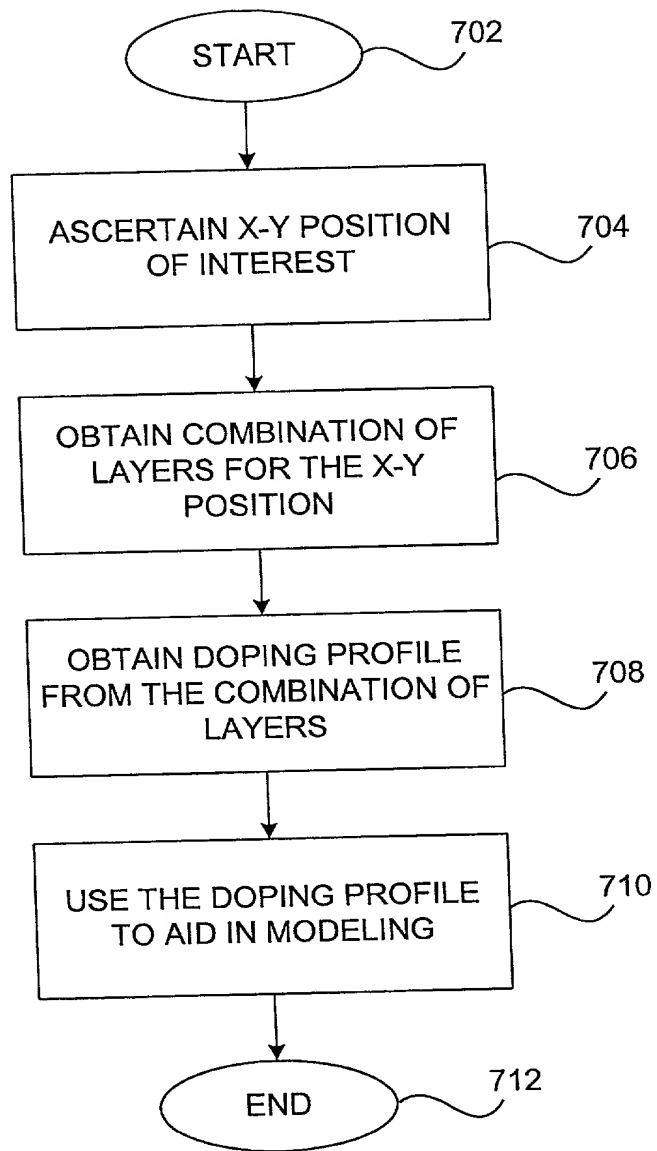


FIG. 7

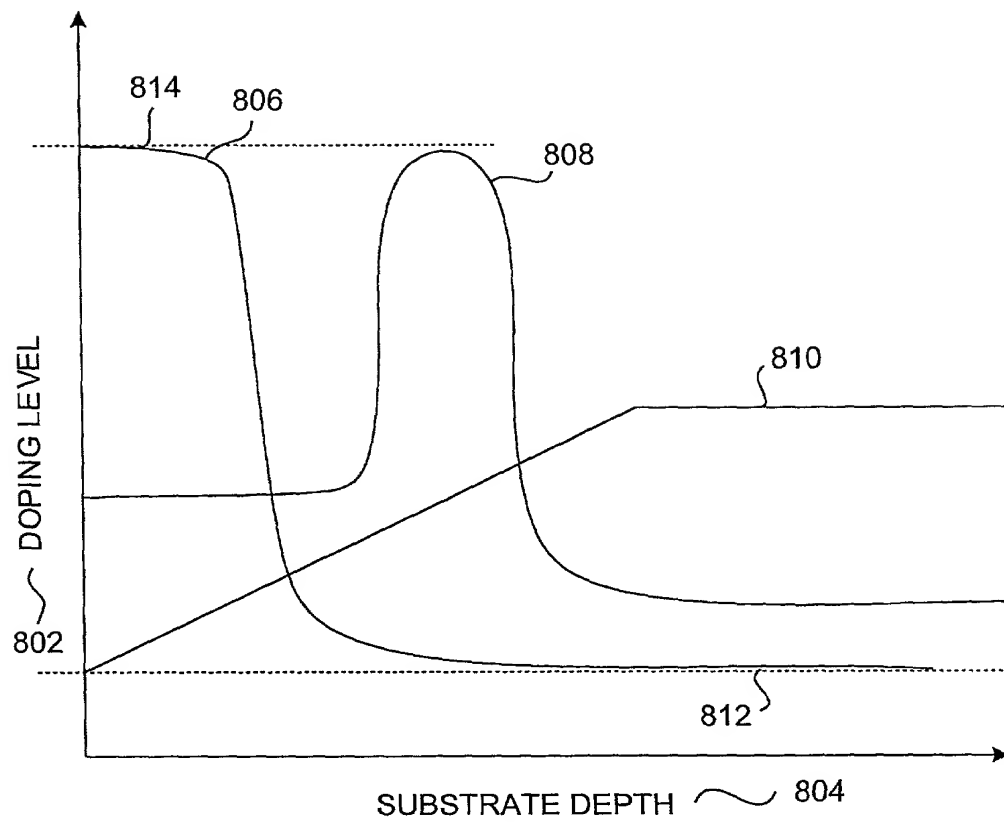


FIG. 8A

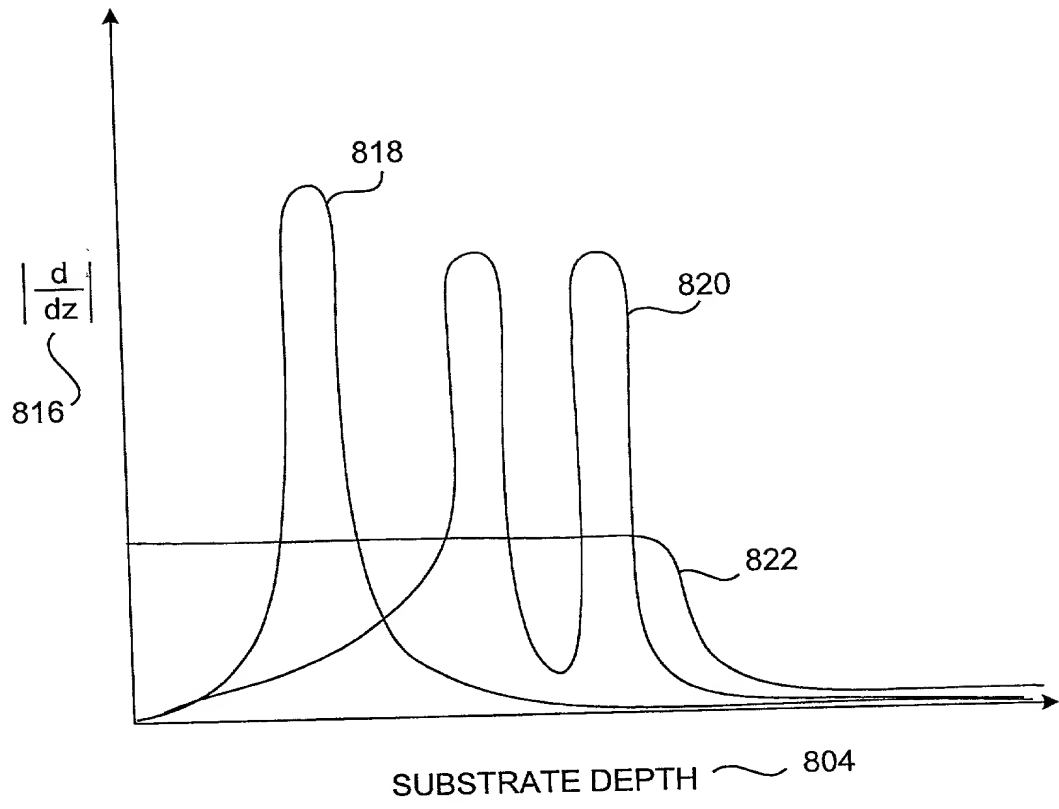


FIG. 8B

Graph 824 shows the sum of the absolute value of the derivative of the refractive index profile, $\Sigma \left| \frac{dn}{dz} \right|$, versus substrate depth. The curve exhibits three distinct peaks, with the highest peak labeled 826.

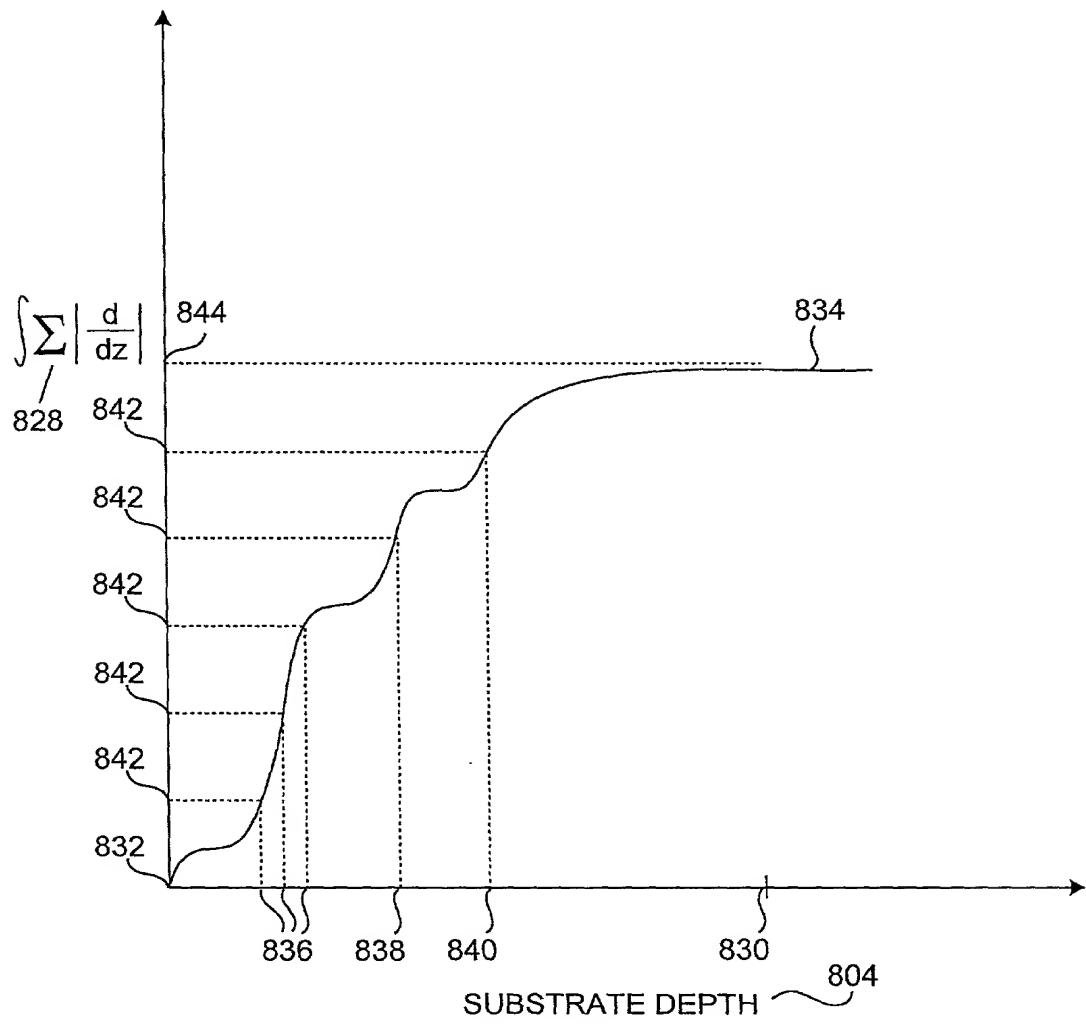


FIG. 8D

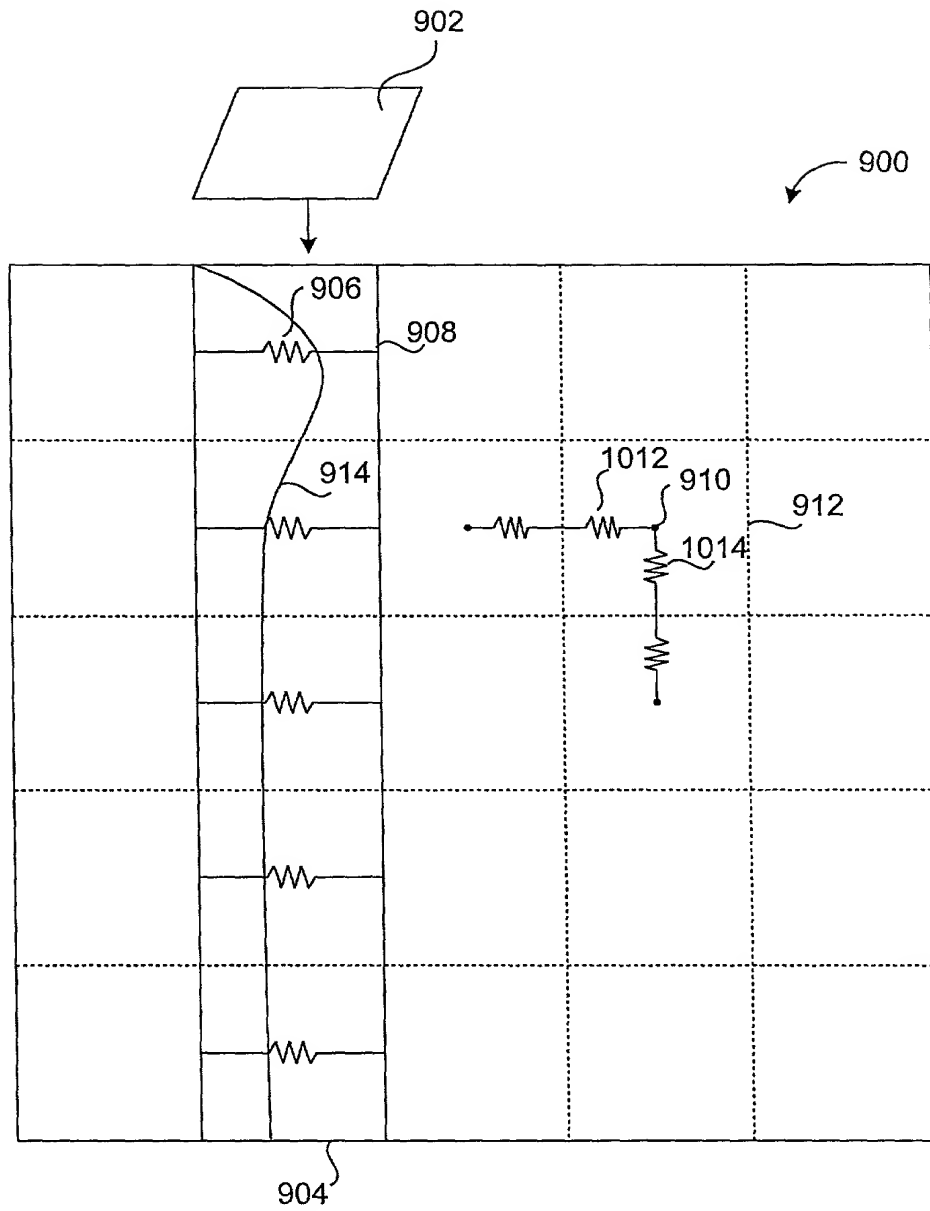


FIG. 9

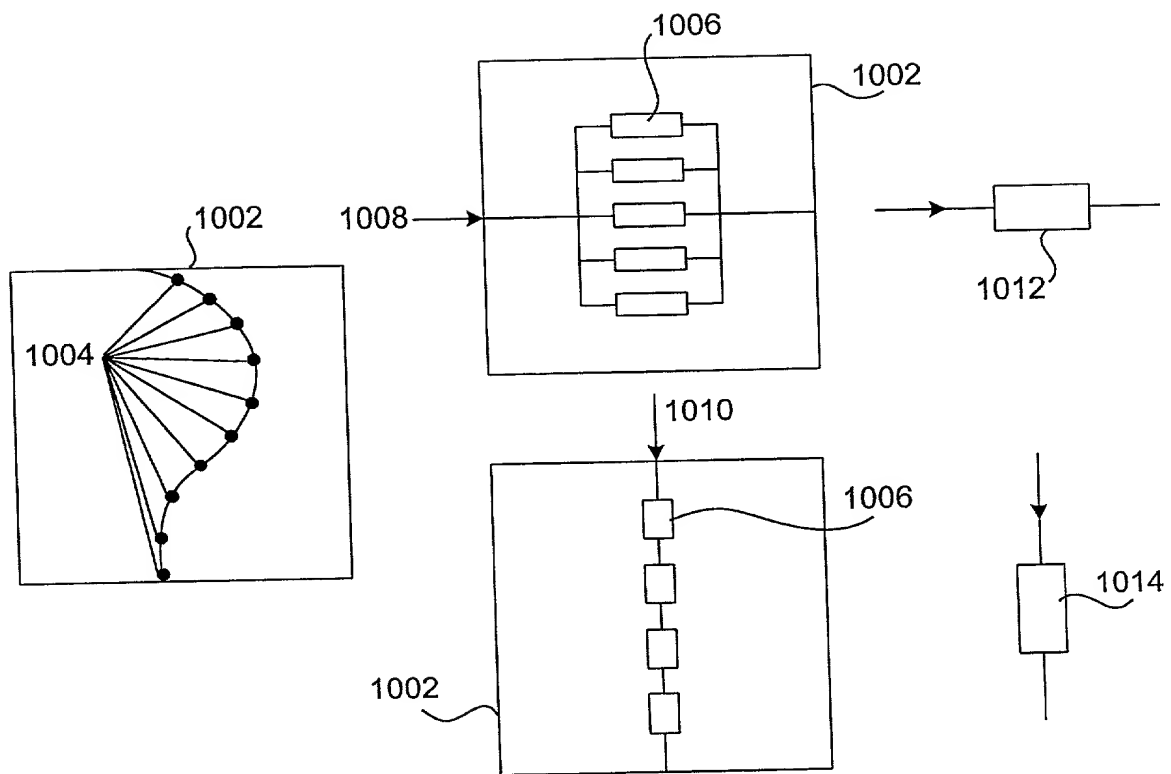


FIG. 10

Pat. No. 6,653,660

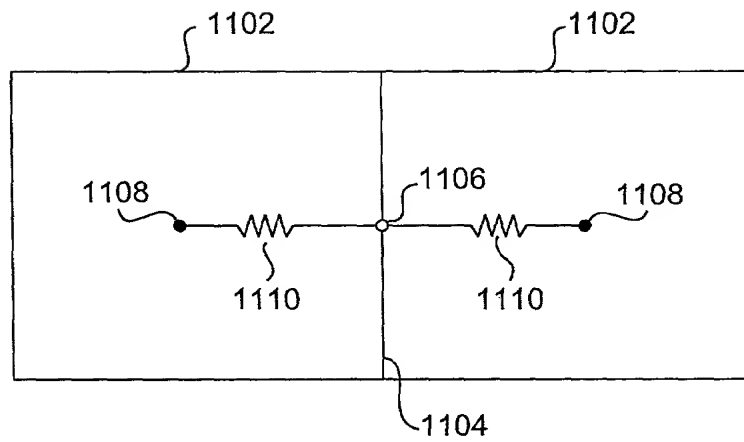


FIG. 11A

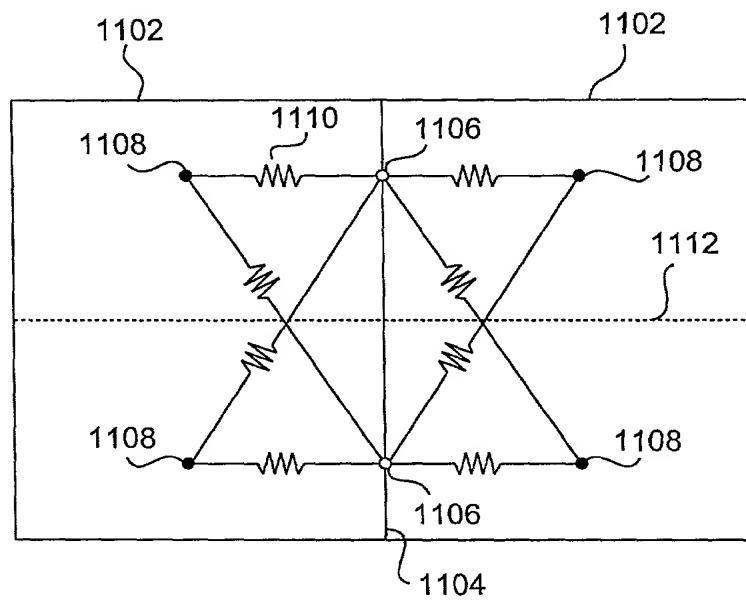


FIG. 11B

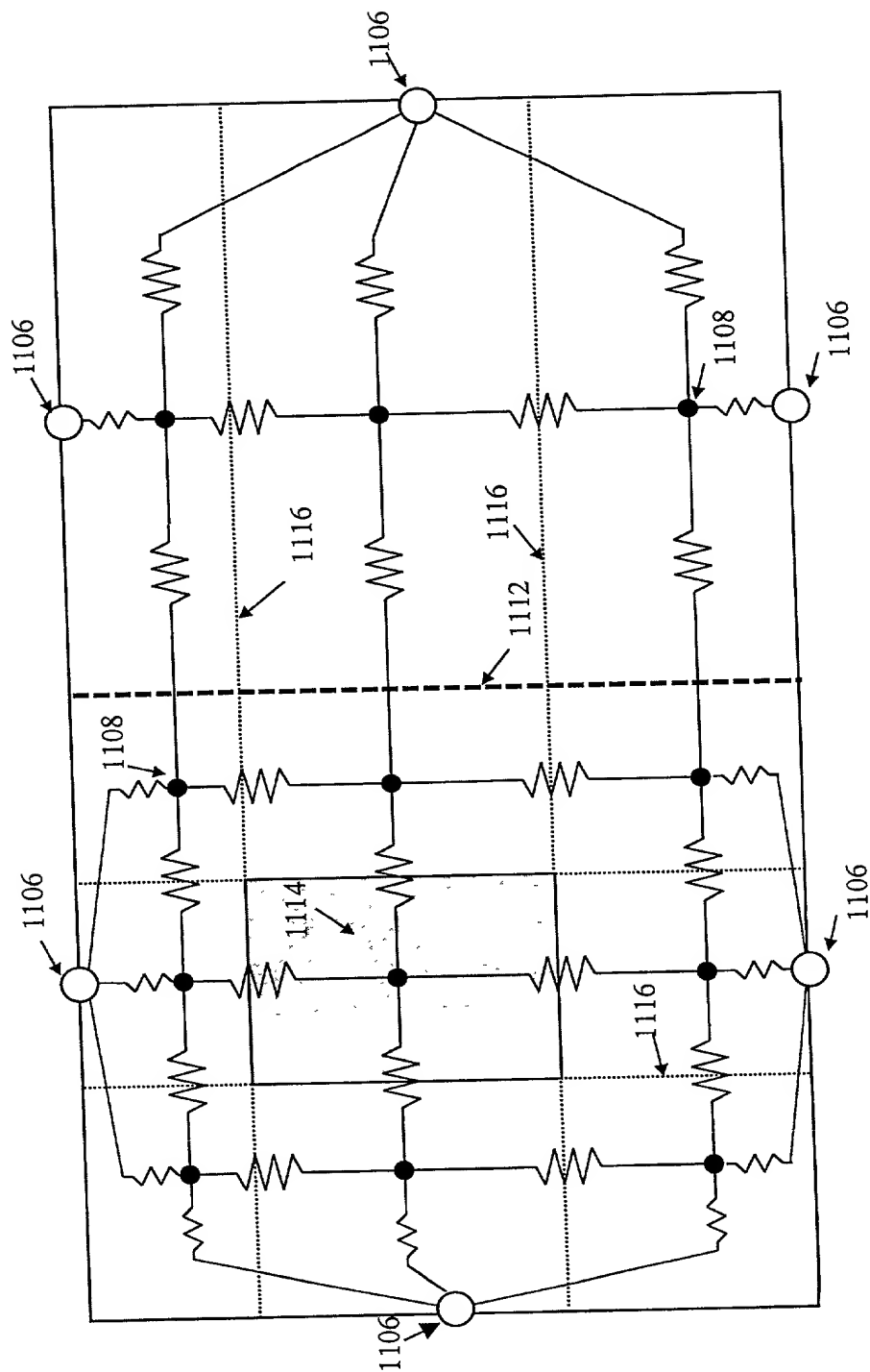


FIG. 11C

B	D	F
A	C	E

FIG. 12A

B	D	F
A	C	E

FIG. 12B

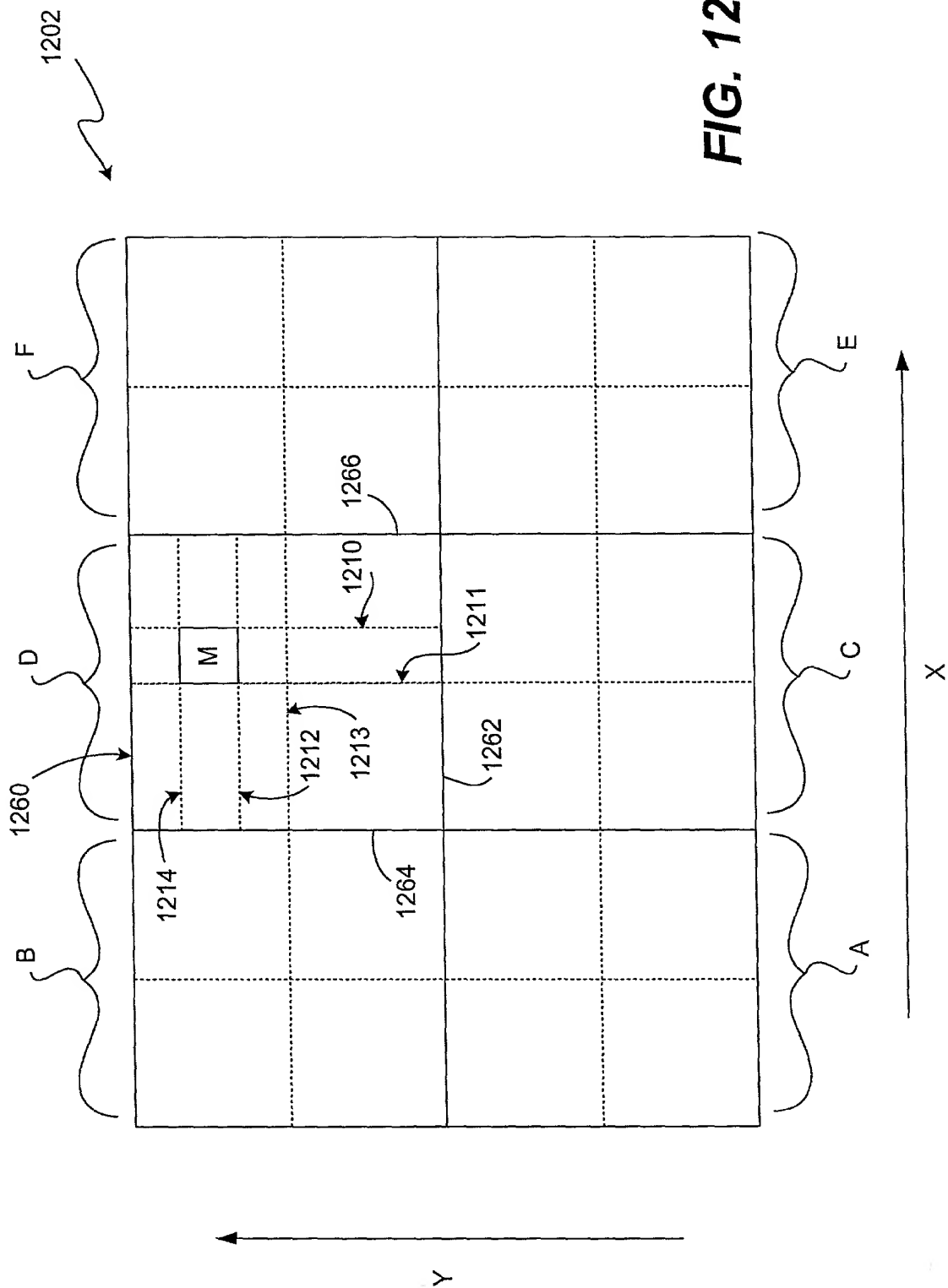
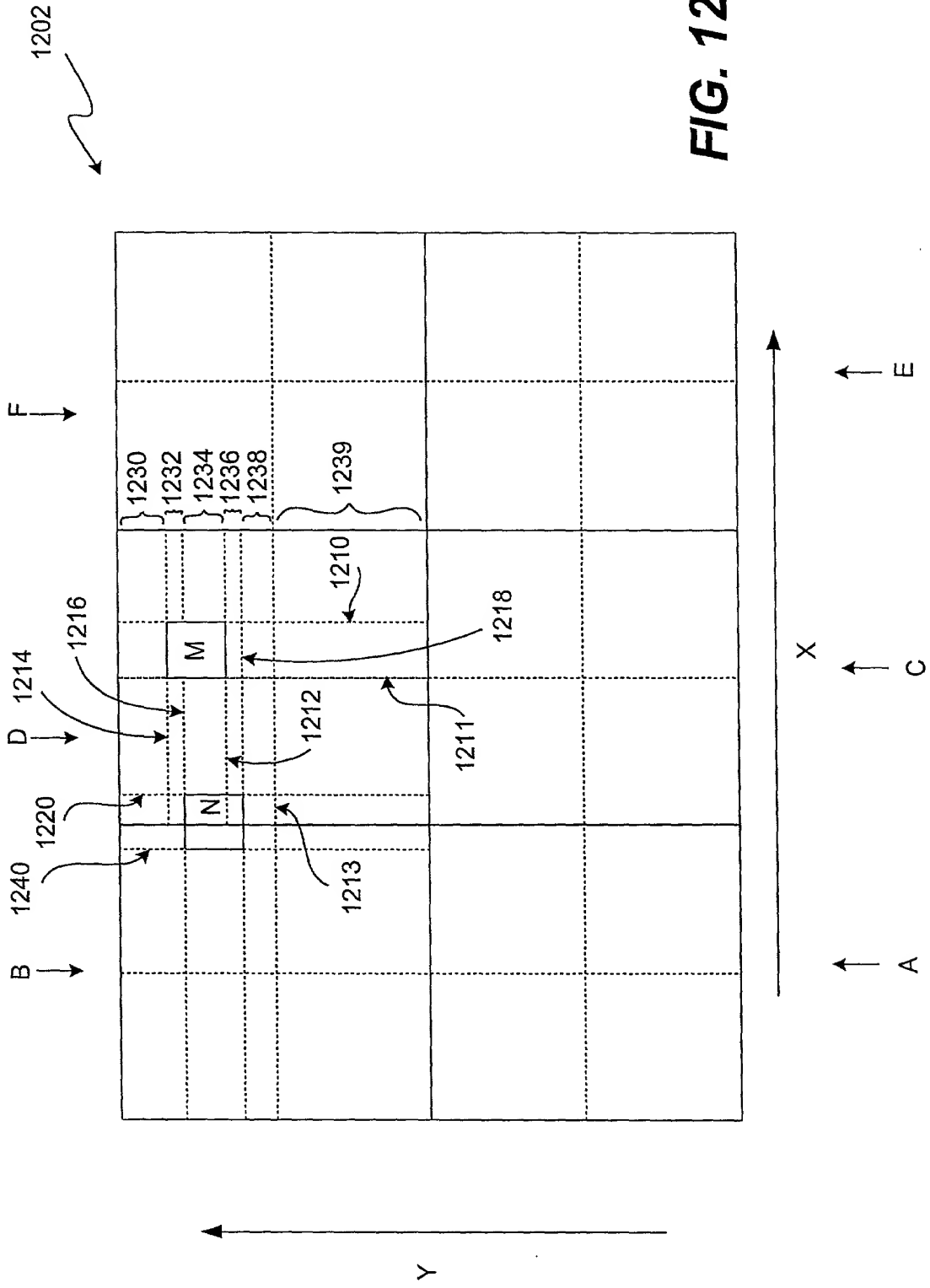


FIG. 12C



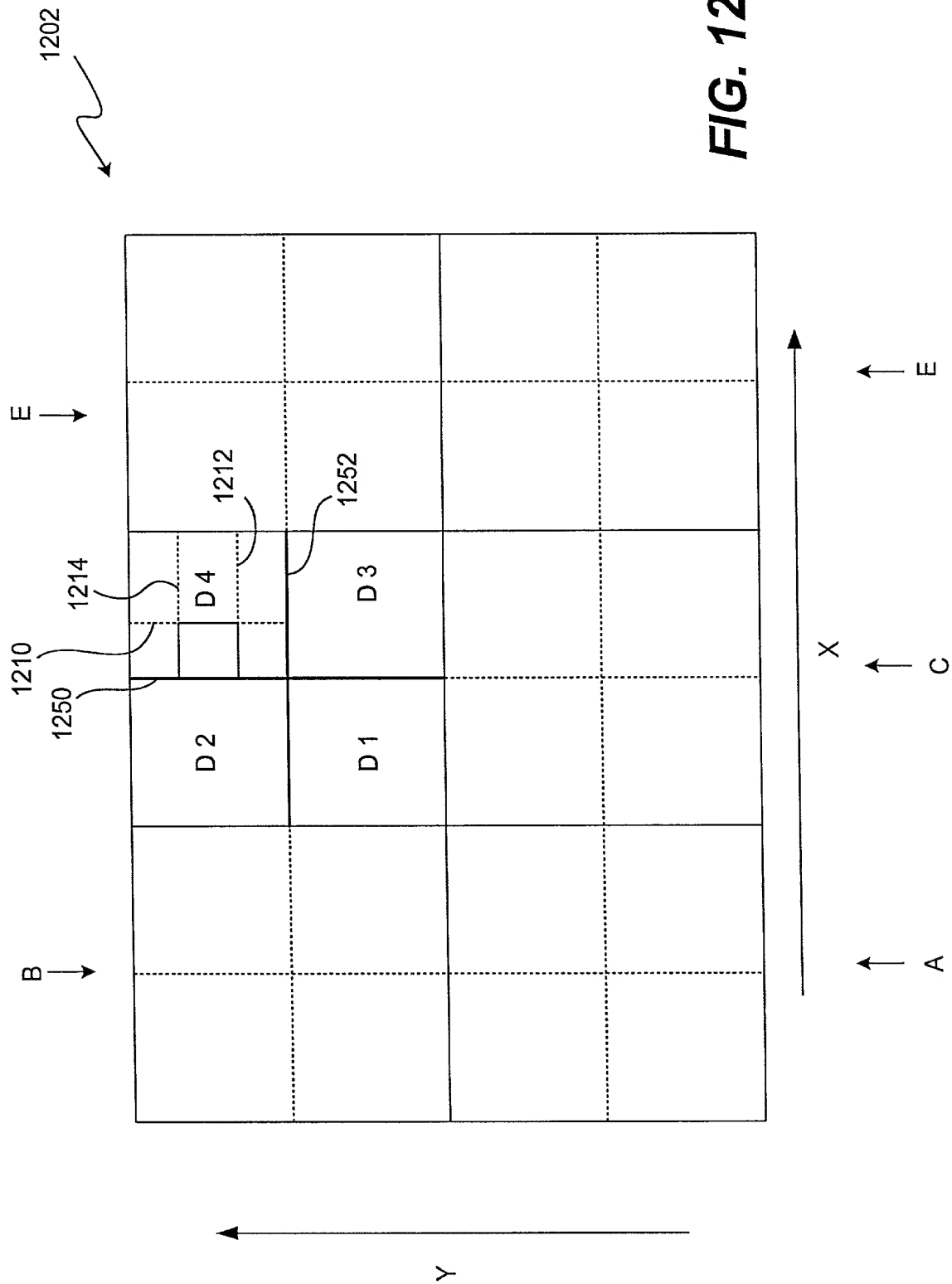


FIG. 12E

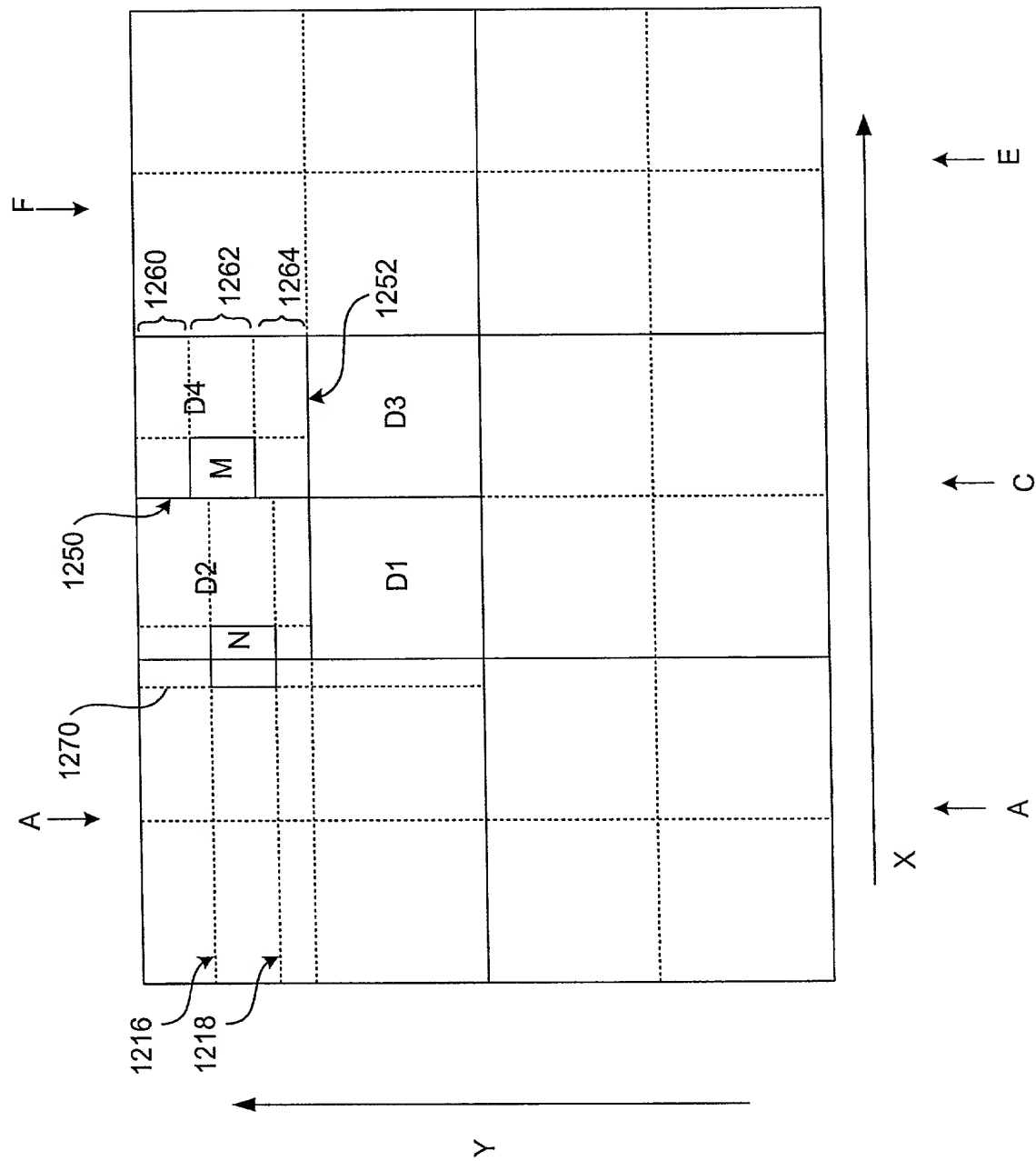


FIG. 12F

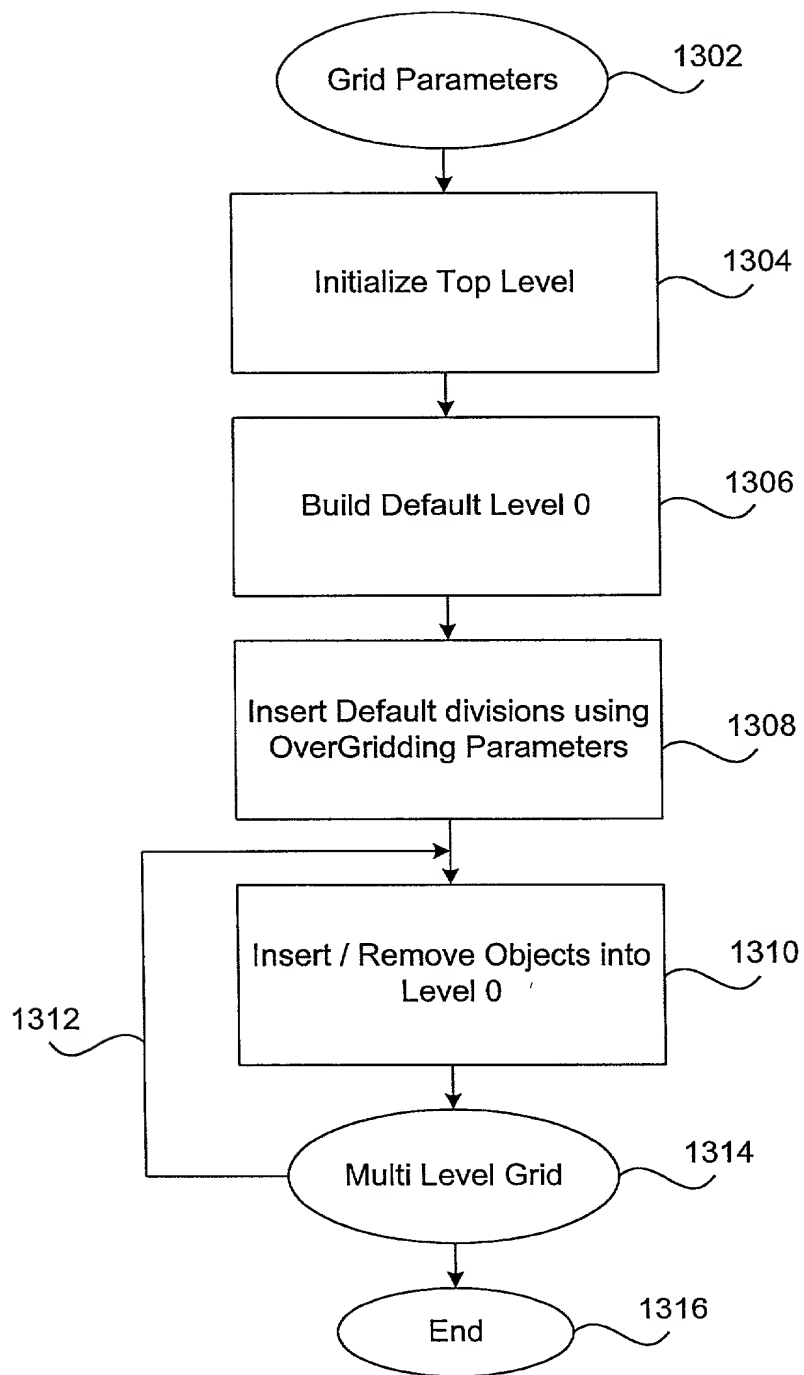


FIG. 13

INSERT OBJECT

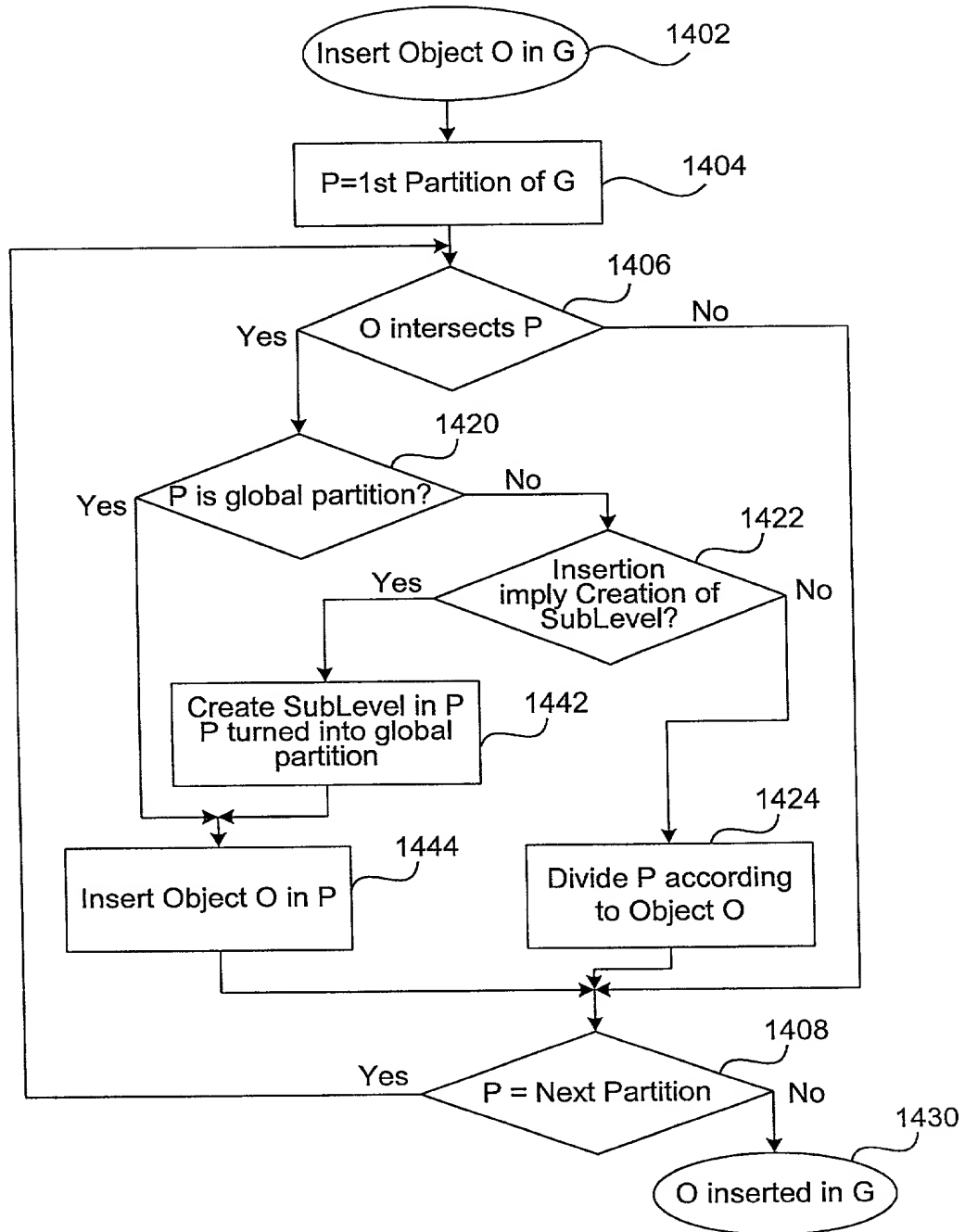


FIG. 14

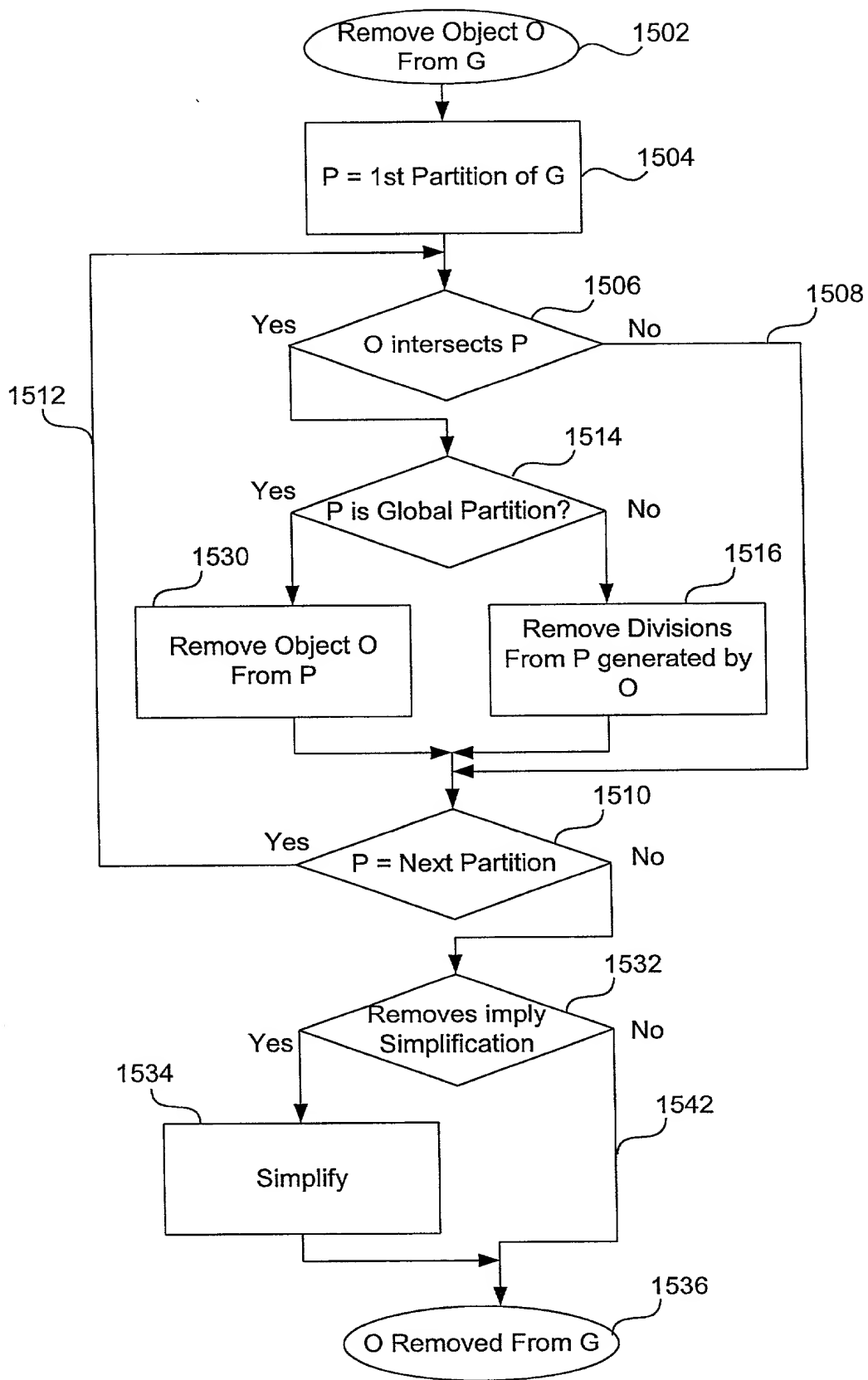


FIG. 15

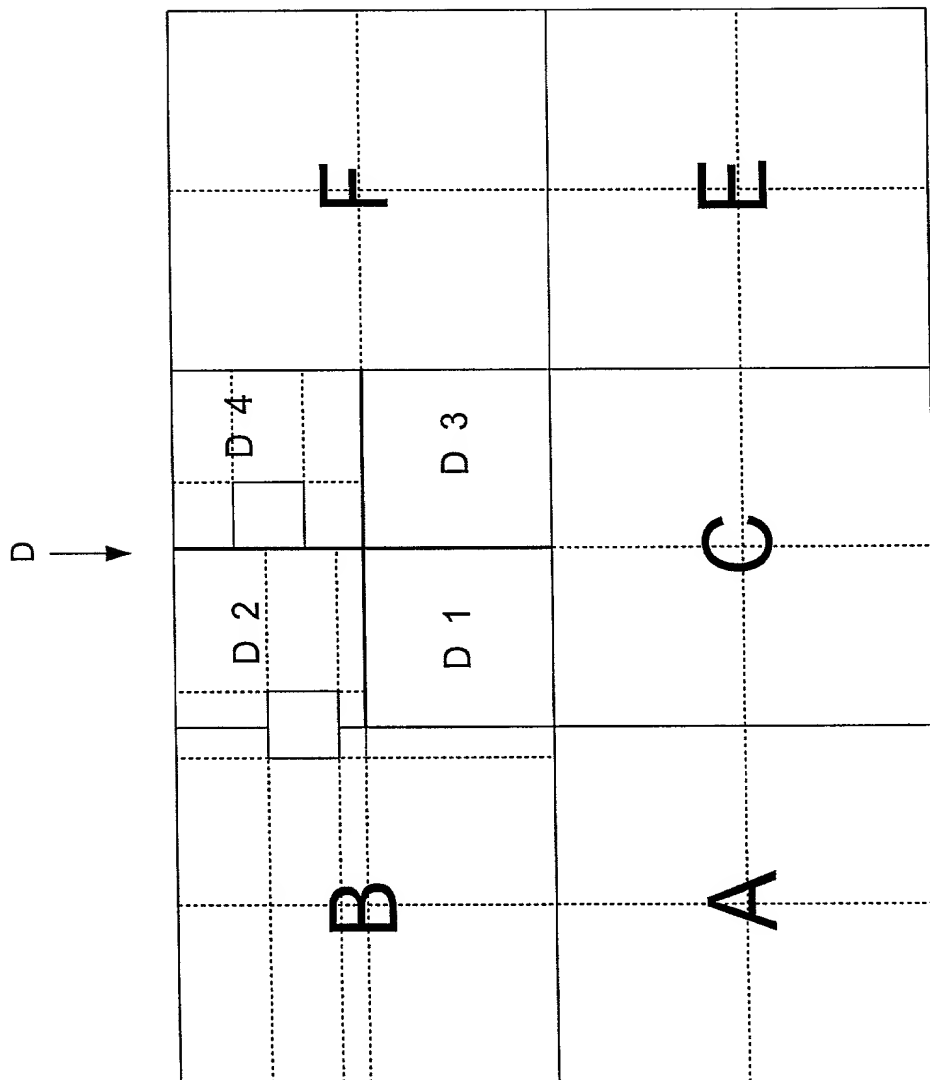


FIG. 16A

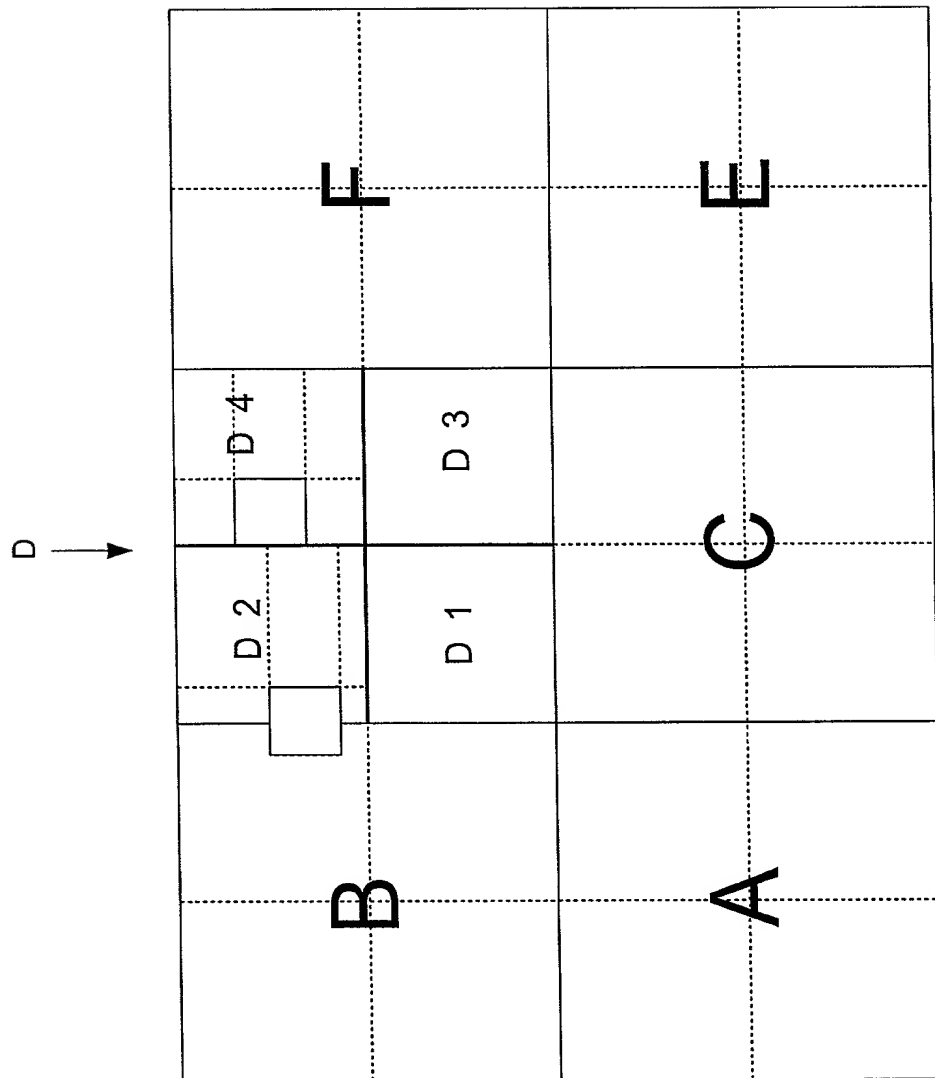


FIG. 16B

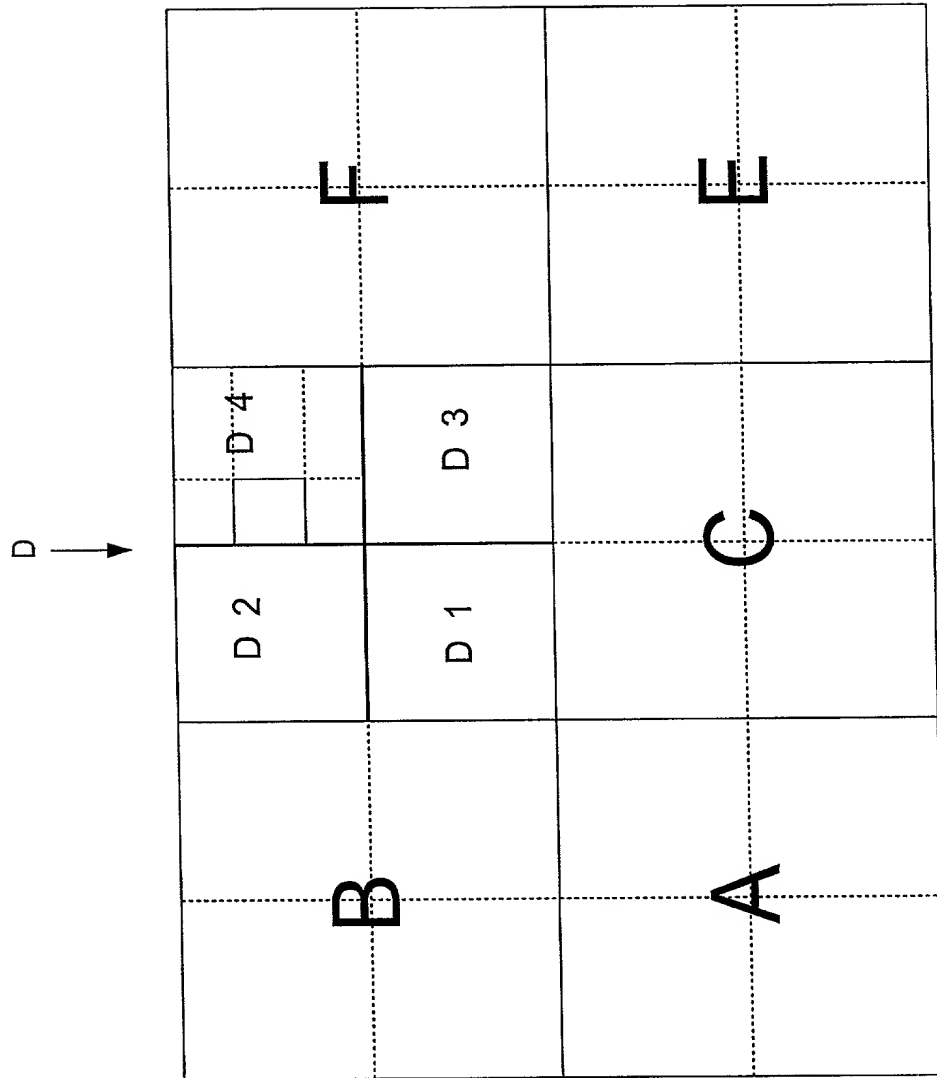


FIG. 16C

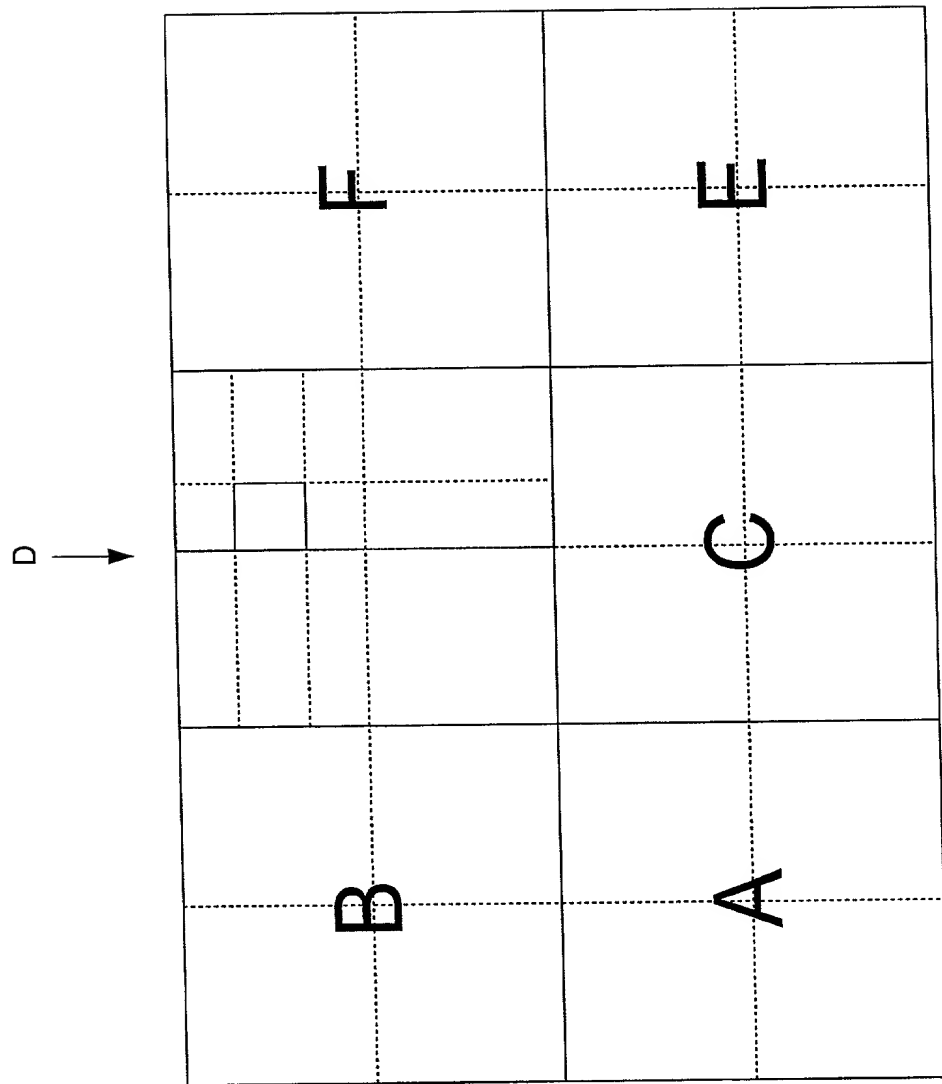


FIG. 16D

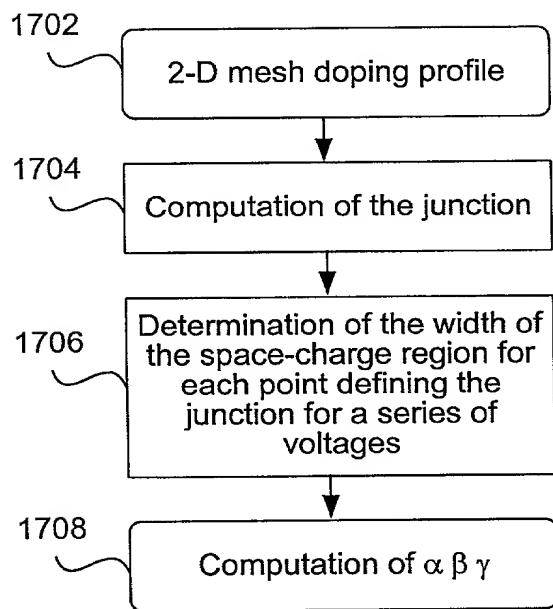


FIG. 17

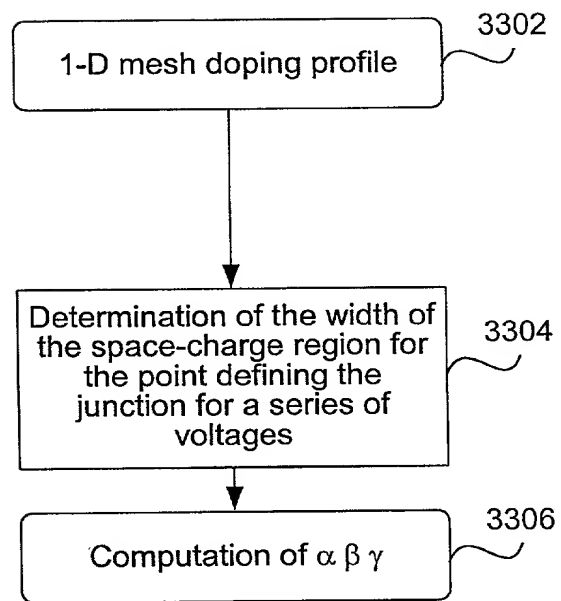


FIG. 33

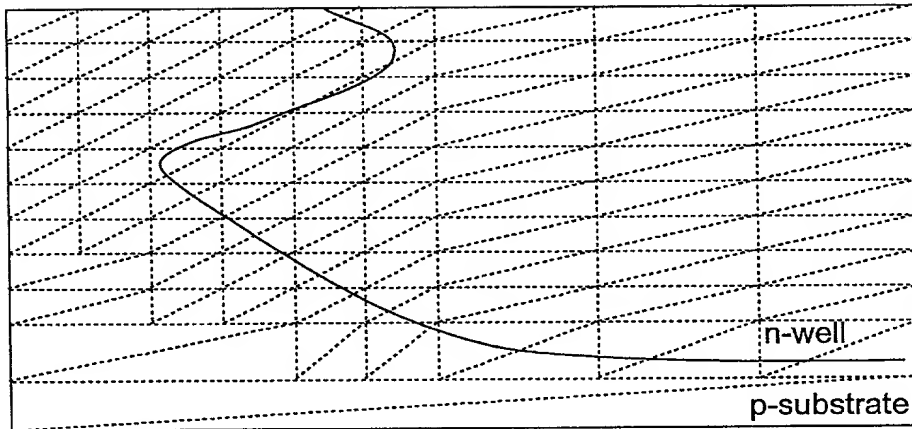


FIG. 18

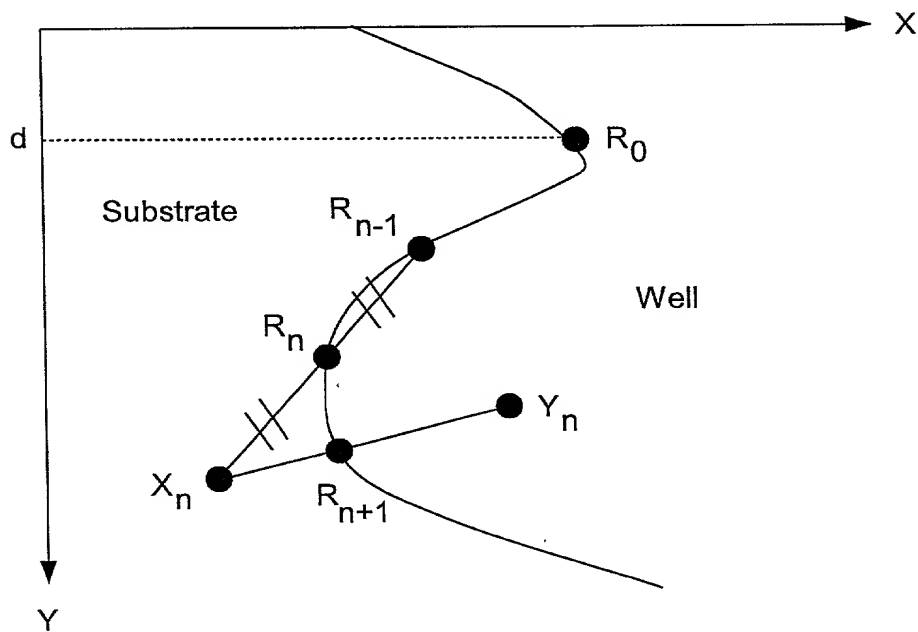


FIG. 19

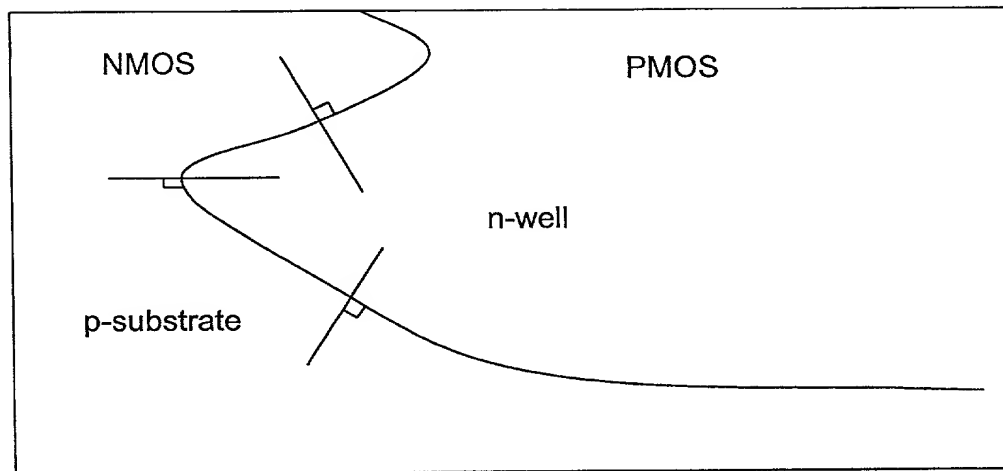


FIG. 20

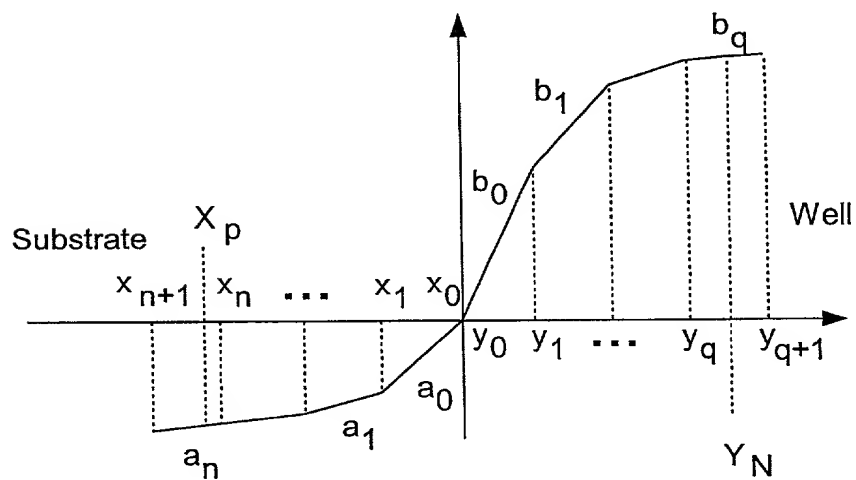
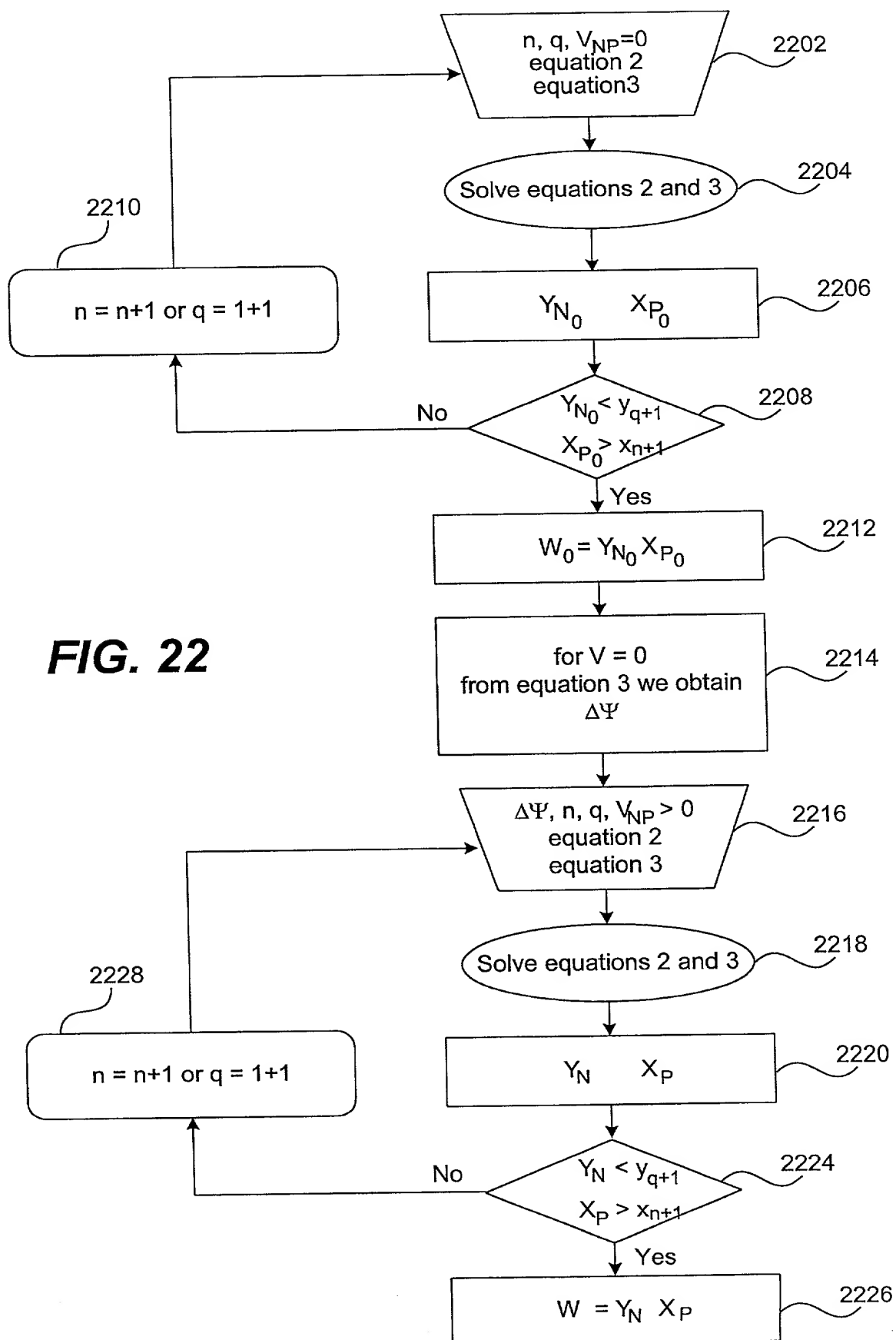


FIG. 21



TOPF40" 06050600

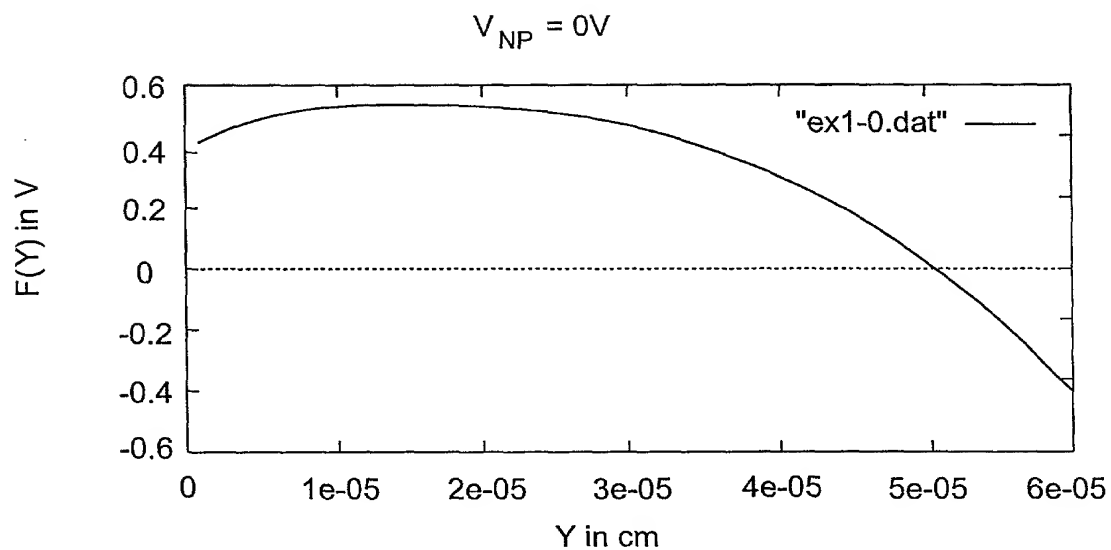


FIG. 23

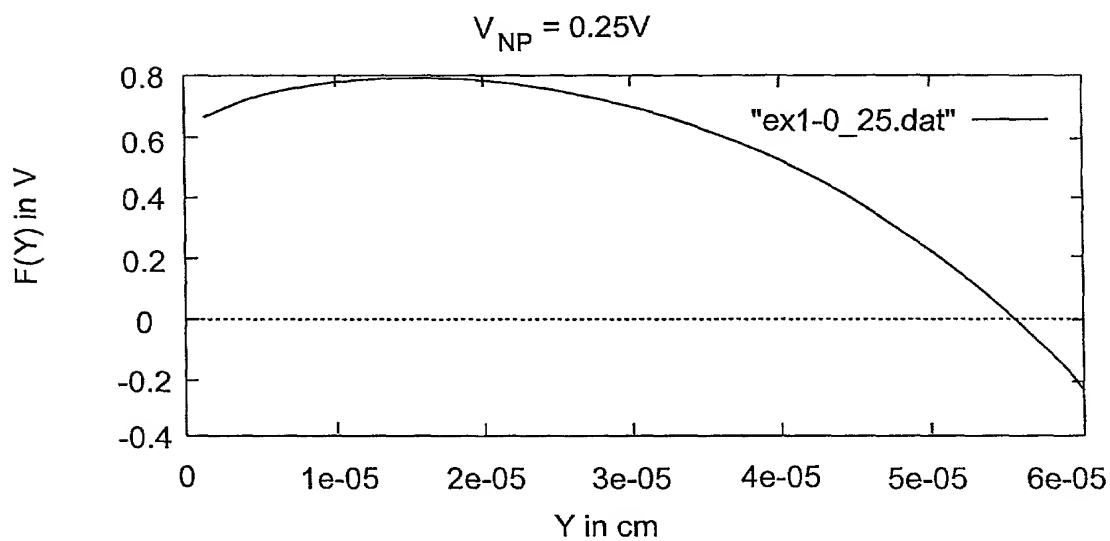


FIG. 24

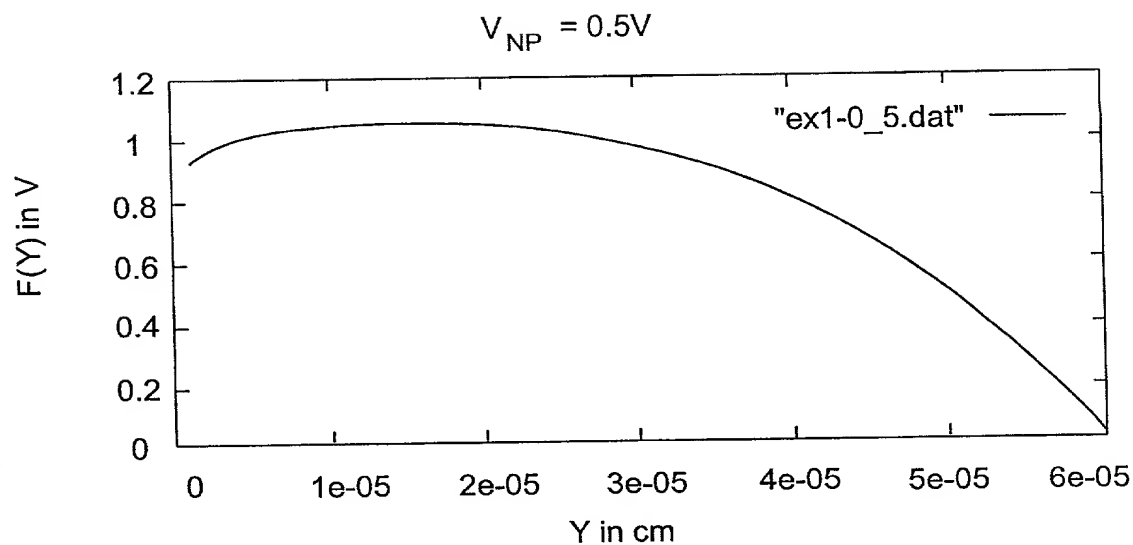


FIG. 25

V_{NP}	Y ($1e^{-5}$ cm)	Width ($1e^{-5}$ cm)
0	4.94385	0.988713
0.25	5.54958	1.10644
0.5	6.03517	1.20334
0.75	6.45595	1.28674
1	6.82921	1.36053
1.25	7.16941	1.42709
1.5	7.46467	1.48796
1.75	7.74643	1.54422
2	8.00918	1.59665
2.25	8.25618	1.64585
2.5	8.49008	1.69227
2.75	8.71313	1.73627
3	8.91566	1.77815
3.25	9.11547	1.81815
3.5	9.30687	1.85646
3.75	9.4907	1.89325
4	9.66771	1.92866
4.25	9.83856	1.96282
4.5	10.0038	1.99583
4.75	10.164	2.02778

FIG. 26

VNP	Y (1e ⁵ m)	Width (1e ⁻⁵ cm)
0	4.94385	0.988713
0.25	5.54958	1.10644
0.5	6.03517	1.20334
0.75	6.45595	1.28674
1	6.23005	1.223
1.25	6.74591	1.27459
1.5	7.16845	1.31685
1.75	7.55522	1.35552
2	7.91756	1.39176
2.25	8.26085	1.42608
2.5	8.58837	1.45884
2.75	8.90241	1.49024
3	9.20468	1.52047
3.25	9.49652	1.54965
3.5	9.77901	1.5779
3.75	10.053	1.6053
4	10.3193	1.63193
4.25	10.5786	1.65786
4.5	10.8313	1.68313
4.75	11.078	1.7078

FIG. 27

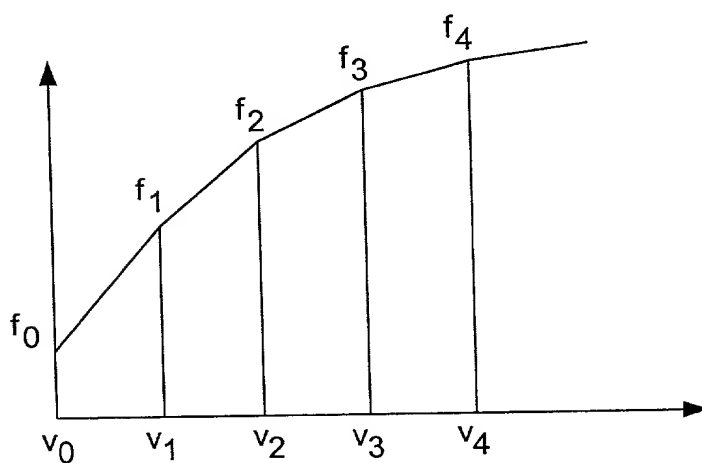


FIG. 28

V_{NP} (V)	width (cm)
0	0.000129354
0.25	0.000146124
0.5	0.000159855
1	0.000182128
1.5	0.000200235
2	0.00021574
3	0.000241808
α	$7.77677\text{e-}12$,
β	$1.28937\text{e-}11$
γ	0.35
$e(\alpha,\beta,\gamma)$	$1.5978\text{e-}14$

FIG. 29

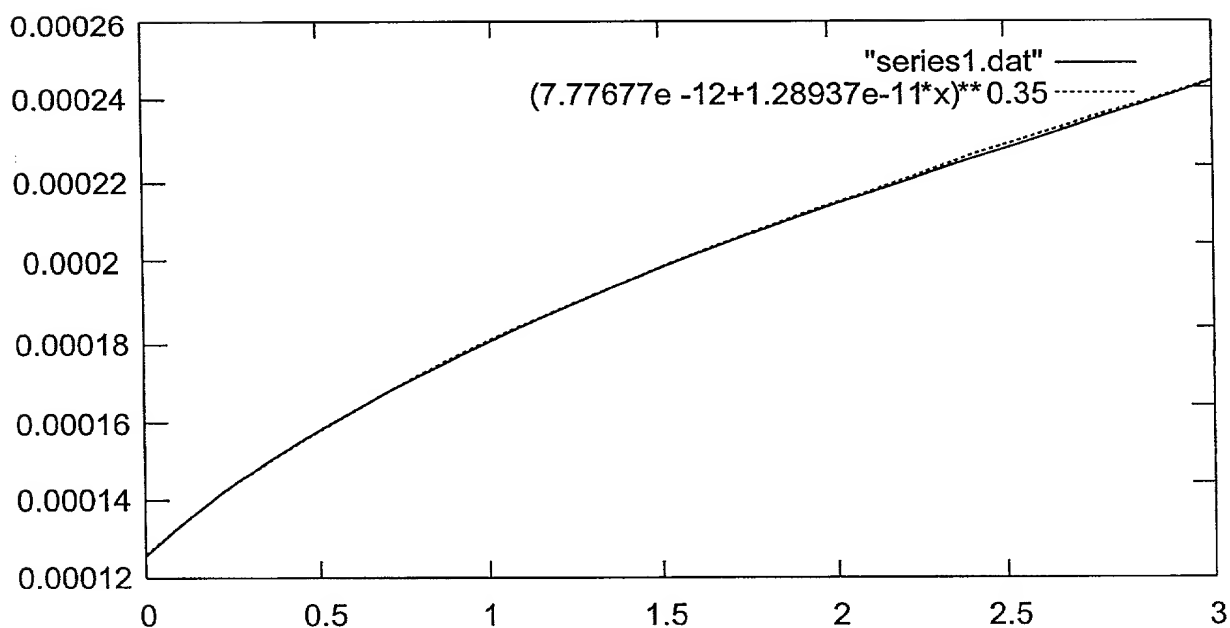


FIG. 31

V_{NP} (V)	width (cm)
0	0.000209707
0.25	0.000239053
0.5	0.000262844
1	0.000301435
1.5	0.000332609
2	0.000359377
3	0.000404536
α	6.05704e-11
β	1.05054e-10
γ	0.36
$e(\alpha, \beta, \gamma)$	2.31072e-13

FIG. 30

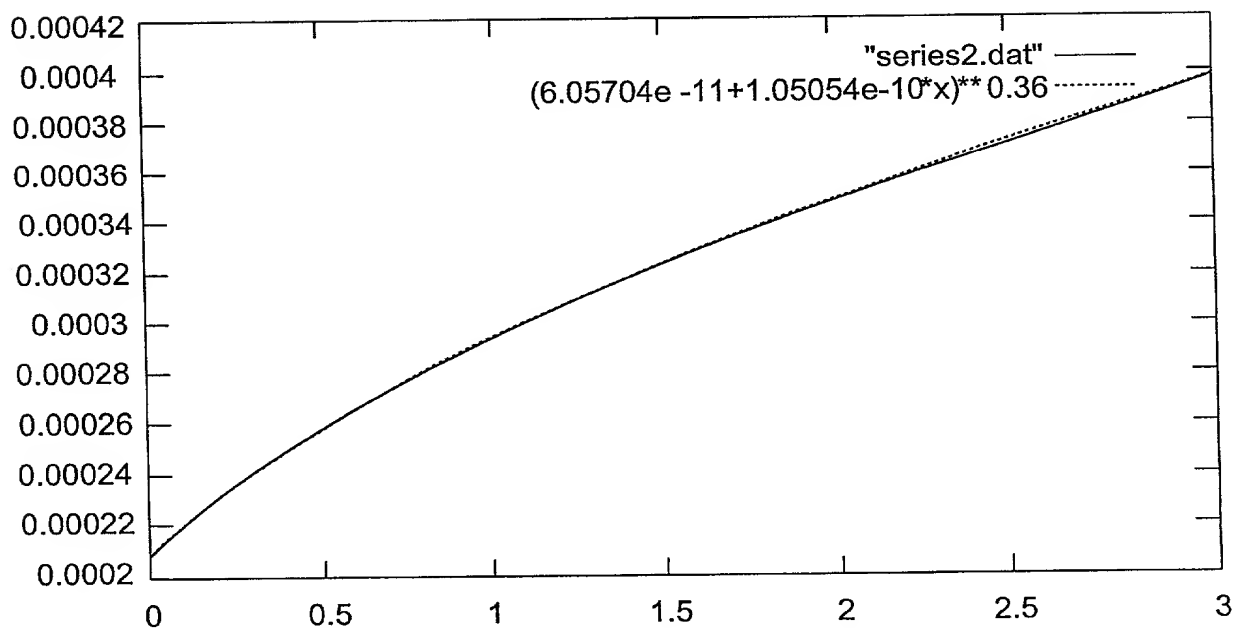


FIG. 32

